



Licence number	L8811/2014/1
Licence holder	Edna May Operations Pty Ltd
ACN (if applicable)	136 365 001
Registered business address	1/130 Royal Street EAST PERTH, WA 6004
DWER file number	DER2014/000639-1
Duration	17/03/2014 to 16/03/2028
Date of issue	17/03/2014
Premises details	Edna May Village Wastewater Treatment Plant Wolfram Street WESTONIA WA 6437 Legal description - Lot 500 on Plan 58086

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 54: Sewage facility: premises - a) on which sewage is treated (excluding septic tanks); or b) from which treated sewage is discharged onto land or into waters.	100 cubic metres per day

This licence is granted to the licence holder, subject to the attached conditions, on 17 December 2021, by:

Steve Checker
MANAGER WASTE INDUSTRIES
REGULATORY SERVICES

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes
17/03/2014	L8811/2014/1	Licence issued
29/04/2016	L8811/2014/1	Notice of amendment – to extend the expiry date of the licence
06/02/2020	L8811/2014/1	Amendment to approve works in relation to the upgrade of the wastewater treatment plant from a submerged aerated filter (SAF) overflow system to a sequence batch reactor (SBR) overflow system. The amendment was granted in the form of a revised licence, including consolidation of previous amendment notice.
17/12/2021	L8811/2014/1	Amendment to approve the conversion of existing sludge tank into a fourth SBR tank and the installation of a 32,000 L holding tank on a new concrete pad immediately to the north of the existing infrastructure.

Interpretation

In this licence:

- (a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
WWTP	<ol style="list-style-type: none"> 1) Maintain 3 Tsurumi BER submersible jet aerators (1.5kW); 2) Maintain 3 Ebara DW Vox 100 Model Transfer pumps; 3) Maintain 2 ACROMET dosing pumps; 4) Install aquasol control panel; 5) All equipment tagged and labelled; 6) Maintain in impervious and operationally sound condition; <ol style="list-style-type: none"> a. 3 Sequence Batch Reactor (SBR) Tanks, able to process 8 kL per 12 hours; b. A 4th Sequence Batch Reactor (SBR) Tank, able to process 6 kL per 12 hours; c. 32,000 L holding tank²; and d. associated WWTP polish tank, filters, irrigation tank and chlorinator; 7) All pipelines must be 50 mm UPVC; and 8) Managed to meet the following emission standards: <ol style="list-style-type: none"> a. Biological Oxygen Demand (BOD) <10 mg/L b. Total Suspended Solids (TSS) <30 mg/L c. Total Nitrogen (TN) <10 mg/L d. Total Phosphorus (TP) <3 mg/L e. <i>E.coli</i> <1 cfu/100mL f. pH 6.5 – 8.5 pH units 	Infrastructure/equipment as shown in Figure 1, Schedule 1

Note 1: Following submission of the compliance report under condition 11 for the construction of the 4th SBR tank,.

Note 2: Following submission of the compliance report under condition 11 for the construction of the holding tank.

Emissions and discharges

2. The licence holder must maintain in accordance with the relevant parts of AS 3565, a metering device for measuring the cumulative volume of treated wastewater discharged for reuse by the Shire of Westonia.
3. The licence holder must ensure that all water samples are collected, handled and preserved in accordance with the relevant parts of Australian Standard 5667.
4. The licence holder must ensure that all water samples are analysed in accordance with the current “Standard Methods for Examination of Water and Wastewater” APHA-AWWA-WEF.
5. The licence holder must ensure all water samples are analysed in a laboratory holding NATA accreditation for the analyses specified in condition 6.

Monitoring

6. The licence holder must collect and have analysed, representative water samples of effluent discharge for the parameters at the frequency listed in Table 2.

Table 2: Effluent discharge monitoring

Parameter	Frequency
Biochemical Oxygen Demand (BOD)	Monthly
Total suspended solids (TSS)	
pH	
Total Nitrogen (TN)	
Total Phosphorus (TP)	
<i>E. coli</i>	

Works

7. The licence holder must install and undertake the works for the infrastructure and equipment:
 - (a) Specified in column 1; and
 - (b) To the requirements specified in column 2; of Table 3 below.
8. The licence holder must not depart from the requirements specified in column 2 of Table 3 except:
 - (a) Where such departure does not increase risks to public health, public amenity or the environment; and
 - (b) All other conditions in this licence are still satisfied.
9. Subject to condition 7, the licence holder must, within 30 days of the completion of the works specified in column 1 of Table 3, provide to the CEO a compliance report from an authorised person confirming each item of infrastructure or component of

infrastructure specified in column 1 of Table 3 below has been constructed with no material defects and to the requirements specified in column 2.

10. Where a departure from the requirements specified in column 2 of Table 3 occurs and is of a type allowed by Condition 10, the licence holder must provide to the CEO a description of, and explanation for, the departure along with the certification required by Condition 8(b).

Table 3: Infrastructure works requirements

Column 1	Column 2	Column 3
Infrastructure/equipment	Requirements (design and construction)	Site plan reference
SBR tank	4 th identical SBR tank to be installed, replacing the existing sludge tank, connecting to the existing 3 SBRs.	
Holding tank	<ol style="list-style-type: none"> 1) Impervious construction, free from leaks and defects 2) 32,000 L capacity; 3) Must be installed on an impervious bunded concrete hardstand; 4) Situated immediately to the north of the existing infrastructure. 	

11. The licence holder must within 3 months of the submission of the compliance report, provide to the CEO a monitoring report demonstrating compliance with the wastewater quality criteria in Table 4 in at least two consecutive samples.

Table 4: wastewater criteria

Parameter	Limit value
pH	6.5 – 8.1 ¹
Biochemical Oxygen Demand (BOD)	<10 mg/L ¹
Total suspended solids (TSS)	<30 mg/L ¹
Total Nitrogen (TN)	<10 mg/L ²
Total Phosphorus (TP)	<3 mg/L ¹
Total Chlorine	0.2 – 2.0 mg/L ¹
<i>E. coli</i>	<1 cfu/100ml ¹

Note 1: Guidelines for Non-potable uses of recycled water in Western Australia 2011, Department of Health

Note 2: WQPN 22

12. The licence holder must manage dust generation during construction works by:
- (a) Wetting down unsealed roads and exposed areas with a water truck; and

- (b) Ceasing dust-generating activities during strong wind conditions.

Records and reporting

- 13.** The licence holder must provide to the CEO by 1 September each year, a copy of an annual environmental report containing data collected during the period beginning 1 July the previous year and ending on 30 June in that year. The report must contain, but not be limited to:
 - (a) Monitoring data and other collected data required by any condition of this licence (data should be provided in tables and in graphical format);
 - (b) An assessment of the data and other collected data required by any condition of this licence against any limits or targets set or other relevant environmental guidelines or policies from previous years' monitoring.
 - (c) a summary of any data exceeding those targets and limits, guidelines or policies including information on why the exceedance occurred (if known) and action taken by the licensee to prevent recurrence of such exceedance; and
 - (d) a list of any monitoring methods used to collect and analyse data required by any condition of this licence.
- 14.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 15.** The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by 1 September an Annual Audit Compliance Report in the approved form.
- 16.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) the works conducted in accordance with condition 7 of this licence;
 - (c) any maintenance of infrastructure that is performed in the course of complying with conditions 1 or 7 of this licence;
 - (d) monitoring programmes undertaken in accordance with condition 6 of this licence; and
 - (e) complaints received under condition 14 of this licence.
- 17.** The books specified under condition 16 must:
 - (a) be legible;

- (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
- (c) be retained by the licence holder for the duration of the licence; and
- (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this licence, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
APHA-AWWA-WEF	means American Public Health Association; American Water Works Association; Water Environment Federation
AS 3565	means the current version of Australian Standard 3565 – <i>Meters for water supply</i>
Australian Standard 5667	means the most recent version and relevant part of <i>AS/NZS 5667</i>
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
Discernible	means capable of being seen, noticed or observed
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified

Term	Definition
	conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
NATA	means National Association of Testing Authorities
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
the Act	means the Environmental Protection Act 1986
Usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia
waste	has the same meaning given to that term under the EP Act.
Written advice or in writing	means correspondence via letter, e-mail or facsimile

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

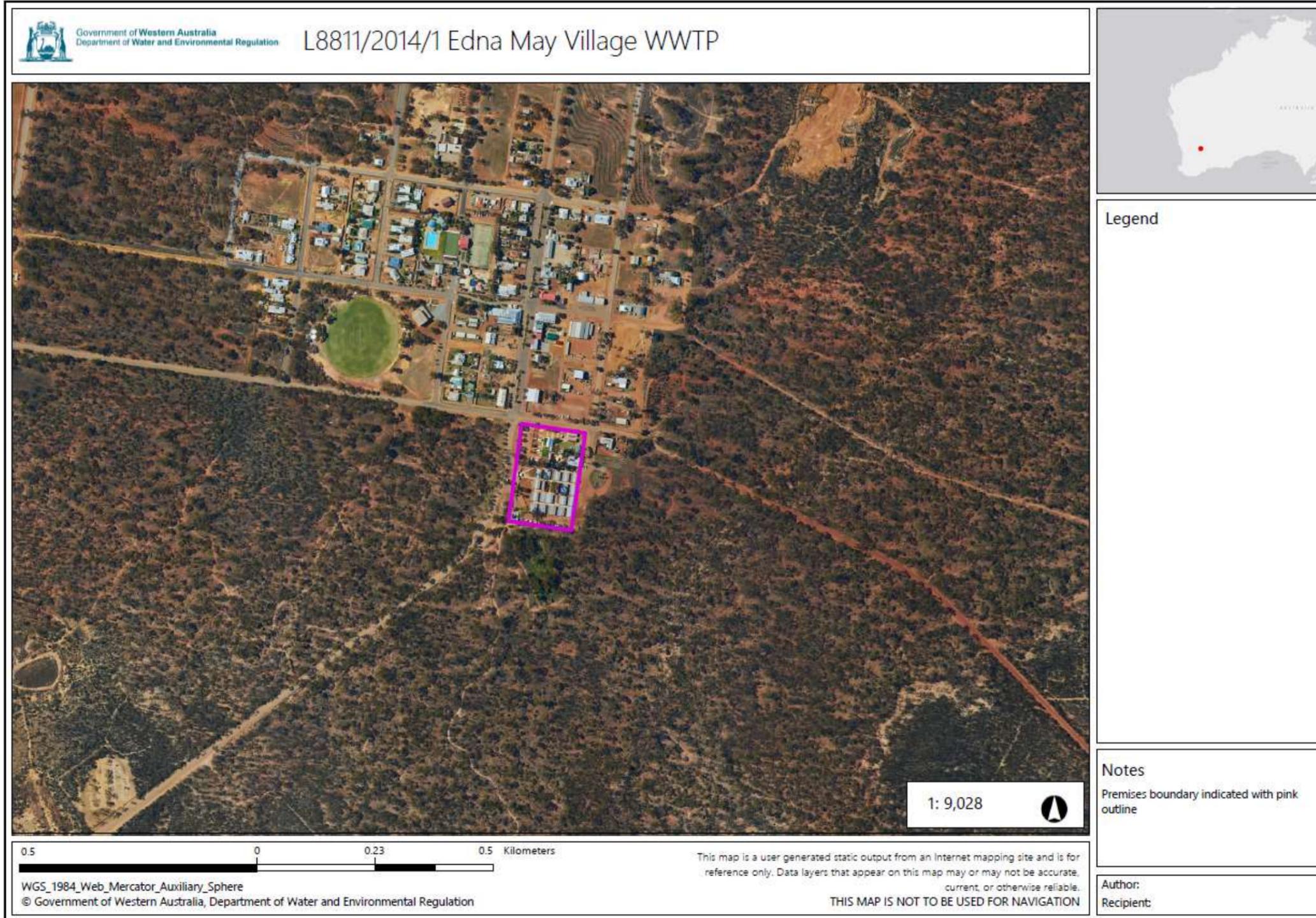


Figure 1: Map of the boundary of the prescribed premises

WWTP Process Schematic (part 1 and 2)

